

WAR DEPARTMENT  
THE CHIEF OF STAFF  
WASHINGTON

August 7, 1944

Dear Eisenhower:

Following up my radio to you of August 7th concerning the organization of an American team to participate with the British Government Code and Cipher School in an investigation of German Signal Intelligence activities, I am enclosing a list of subjects for inquiry. The attached tab sets forth in itemized form the matters which we believe should receive primary attention. This schedule should be considered merely as a preliminary guide for the nature of the material uncovered in the early stages and in a large extent govern the course of the investigation.

Faithfully yours,

/s/ G. Marshall

G. Marshall

General D. D. Eisenhower,  
Supreme Headquarters  
Allied Expeditionary Force  
London, England

Certified a true copy,

T. J. BETTS  
Brigadier General

SCHEDULE OF SUBJECTS FOR INVESTIGATION

1. Complete cryptographic and cryptanalytic data on file at German centers, as well as equipment and operating instructions pertaining to the same.
2. Information as to the exchange of technical cryptographic and cryptanalytic knowledge between the Germans and other Axis powers, together with information on the cryptographic and cryptanalytic methods used by the latter so far as is known to the Germans.
3. Equipment used for intercept and direction finding purposes; special methods and apparatus for the rapid forwarding of raw material to cryptanalytic centers.
4. Methods and procedures employed in traffic analysis.
5. Methods and procedures employed in correlating and fusing information from traffic analysis and cryptanalysis.
6. Speech secrecy equipment, cryptographic facsimile encipherment, and all non-Morse cryptographic equipment as used both on wire lines and on radio circuits.
7. The chemical names as well as the military designations of all secret inks, the formula of the developers, details of the manufacture of micro-photographs, and all details of all methods, film and paper.
8. Radio and radar-jamming and anti-jamming equipment and techniques.
9. Complete information on the HS-293 and FX-1400 guided missiles, together with complete details of other similar remote control equipment.

Certified a true copy.

T. J. BETTS,  
Brigadier General.

TOP SECRET

UNITED STATES FLEET  
HQ OF THE COMMANDER IN CHIEF  
NAVY DEPARTMENT  
WASHINGTON, D.C.

C O P Y

FFL/A8

6 Sep 44

COPY

Serial: 002577

TOP SECRET

From: Commander in Chief, U.S. Fleet.  
To : Commander, TWELFTH Fleet  
Subj: Plan for Examination of German Radio Intelligence Organization.

1. A combined British-United States plan is being evolved for the examination of the German radio intelligence organization immediately following the cessation of hostilities. The participation of the U.S. Navy in this project is to be conducted jointly with the U.S. Army.
2. Colonel George A. Bicher, AUS, now on duty at Supreme Headquarters, Allied Expeditionary Forces, has been directed by the Chief of Staff, U.S. Army, to assume direction of the U.S. Army participation in this project. Lieutenant Commander Robert B. Ely, III, USNR, now on duty in the Office of the Chief of Naval Operations, is being ordered to report to Commander, TWELFTH Fleet in order to assume direction of the U.S. Navy participation. Additional naval personnel will be assigned as necessary. It is the present intention not to order any naval officers senior to rank of commander to this project; therefore, all naval personnel will be under the immediate direction of Colonel Bicher.
3. Detailed instructions will be issued to Lieutenant Commander Ely prior to his departure from Washington.
4. It is desired that the naval party engaged in this project be afforded all facilities that will assist it in the accomplishment of its mission.

/s/ R.S. EDWARDS,  
Chief of Staff.

Copy to:  
CoS, U.S. Army G-2  
Op-20-G

CERTIFIED TO BE A TRUE COPY:

TOP SECRET

C O P Y

DECLASSIFIED  
Authority NND 963016  
By ST NARA Date 4-27-11

CONFIDENTIAL

15 September 1944

Op-20-G/ar

MEMORANDUM

From: Assistant Director Naval Communications (OP-20-G).

TO : Lt. Comdr. R. B. Ely, USNR.

Subj: Instructions Concerning Special Duty.

Ref: (a) Letter of General Marshall to General Eisenhower of August 7, and enclosed list of subjects.  
(b) COMINCH Serial 002577 of 6 Sept 1944.

1. In accordance with reference (b), you will be in charge of the naval participation in the plan covered by references (a) and (b), under the immediate direction of Colonel G. A. Bicher, AUS.

2. Op-20-G's interests in the plan include all of the items set out in the enclosure to reference (a), except paragraphs 8 and 9, with the following additions:

Item 2 We are likewise interested in any collaboration with neutral or non-belligerent powers.

Item 10 (new) Complete information as to devices, methods and procedures in handling transmitter and operator identification.

3. As soon as possible after arrival in U. K., confer with Colonel Bicher to cover the following points:

- (a) the estimated number, location, and nature of targets.
- (b) the anticipated changes in these targets.
- (c) the existing arrangements for personnel and material to cover these targets.
- (d) the kind and number of additional personnel which it appears should be provided by the U. S. Navy to assist in the conduct of this mission.

4. Upon conclusion, and, if necessary, during these conferences, full reports and recommendations should be sent to Op-20-G, employing CSP 1803 held by Commander TWELFTH Fleet.

5. Reports and recommendations thereafter will be made upon any changes in the basic plan being proposed which require the concurrence of the Director of Naval Communications, and upon such changes being made.

/s/ P. R. Kinney

P. R. KINNEY  
Captain, U. S. Navy

HEADQUARTERS  
 EUROPEAN THEATER OPERATIONS  
 OFFICE OF THE COMMANDING GENERAL

SHAEF/ISC/41

9 October, 1944

SUBJECT: Investigation of German Signal Intelligence Centers,  
 Personnel and Equipment.

TO : Colonel George A. BICHER,  
 Signal Intelligence Division,  
 OCSIGO, ETOUSA, APO 887.

1. The Chief of Staff, U.S. Army, in a letter to the Supreme Commander, Allied Expeditionary Force dated 7 August 1944, directed that an American organization participate jointly with the British in plans for a complete investigation of German Signal Intelligence Centers, personnel and equipment prior to and after cessation of hostilities.

2. As Director, Signal Intelligence Division, Office of the Chief Signal Officer, ETOUSA, you are directed by authority of the above mentioned letter, to effect the necessary liaison with the British authorities on this matter and to formulate plans to carry out the wishes of the Chief of Staff, U.S. Army, for presentation to this Headquarters.

3. In this connection you are further advised that by letter of 6 September 1944, the Chief of Staff, U.S. Navy directed that the U. S. Navy join with the U. S. Army in this mission, and appointed Lieutenant Commander Robert B. Ely III, USNR to assume direction of the U.S. Navy participation. By the terms of this letter Lieutenant Commander Ely and all other naval personnel will be under your immediate direction.

By command of General EISENHOWER:

T. J. BETTS  
 Brigadier General

OUTGOING MESSAGE

H.Q., S.O.S.  
E.T.O., U.S.A.

No. P-183  
TOP SECRET 050945 Z

Date: 5 MAY 1944  
Staff Section SIGNAL

TOP SECRET

COPY

Approved for Transmission: George A Bicher -signed-

TO: ARCODICE

INVESTIGATION REVEALS THE FOLLOWING REUR US ONE ONE EIGHT FOR CORDERMAN FROM BICHER TOP SECRET PETER ONE EIGHT THREE PD ON JANUARY ONE EIGHT CMA GENERAL WHITEFOORD THEN G DASH TWO OF SHAEF WROTE BISSELL A LETTER ON RESEARCH CENTERS IN GENERAL WHICH WAS ANSWERED BY BISSELL BY FIRST INDORSEMENT DATED ONE FIVE MARCH FORTY FOUR IN WHICH HE OUTLINED ALL MATTERS OF INTEREST TO G DASH TWO PD THE ENEMY RESEARCH AND DEVELOPMENT SUB-COMMITTEE OF THE WEAPONS DEVELOPMENT COMMITTEE OF THE WAR OFFICE PREPARED AN OUTLINE PLAN OF ACTION IN WHICH CONSIDERATION IS GIVEN TO THE EXPLOITATION OF ALL TYPES OF GERMAN RESEARCH CENTERS PD COPY OF THIS SENT TO SHAEF PD THIS PLAN PROVIDES FOR THREE PHASES CMA THE ASSAULT CMA THE PERIOD UP TO THE ARMISTICE CMA AND THE POST-ARMISTICE PD AS I UNDERSTAND IT THIS IS JUST IN THE DISCUSSION STAGE CMA IS QUITE GENERAL CMA AND INCLUDES ALL RESEARCH CENTERS SUCH AS MUNITIONS CMA CHEMICALS ET CETERA PD IN SHORT TERM PLAN SPECIFIC ITEMS SUCH AS RADAR ARE MENTIONED BUT NO REFERENCE IS HAD TO SIGNAL SECURITY EQUIPMENT PD BASIC PRINCIPLE OF THIS PROPOSED PLAN HOWEVER IS THAT FOR THE FIRST TWO PERIODS CMA INVESTIGATIONS BE ON COMBINED ANGLO DASH AMERICAN AND INTER DASH SERVICE BASIS WHILE THE THIRD MAY HAVE TO INCLUDE RUSSIAN AGREEMENT PD NO UNILATERAL

TOP SECRET  
- Page 1 -

TOP SECRET

COPY

-CONTINUED-

INVESTIGATIONS PERMITTED PD ALL THIS IS ON HIGHEST LEVEL ND  
THIS INFORMATION MUST BE HANDLED WITH GREATEST DISCRETION NEW  
PARA DO NOT KNOW HOW MUCH WASHINGTON IS IN THIS SO FAR BUT  
BELIEVE IT WOULD BE BETTER IF RESEARCH INVESTIGATION ON SIGNAL  
SECURITY MATTERS BE SEGREGATED FROM OTHER TECHNICAL RESEARCH  
IF CMA INDEED CMA THEY ARE NOW SPECIFICALLY INCLUDED PD ALSO  
MUCH CONSIDERATION SHOULD BE GIVEN AS TO WHETHER DESIRABLE TO  
EXPLOIT SUCH INVESTIGATION FOR FOLLOWING REASONS SEMICLN ONE  
CMA GERMANS WILL PROBABLY DESTROY BEST MATERIAL ANYWAY ND TWO  
CMA IF WE ARE ENJOYING SUFFIEICIENT DEGREE OF SUCCESS NOW IT  
MIGHT BE BETTER TO HAVE GERMANS THINK THEIR CRYPTOGRAPHIC SYSTEMS  
ARE SECURE FOR SUBSEQUENT USE NEW PARA SUGGEST THAT UNDER THE  
GUISE OF SEGREGATING CRYPTOGRAPHIC RESEARCH FROM OTHERS PAREN  
IN WHICH OBOE SUGAR ROGER DOG AND OTHERS WILL BE PROBABLY  
INVOLVED PAREN THAT A STRAIGHT FORWARD PROPOSAL BE MADE IN SO  
FAR AS CRYPTOGRAPHIC MATERIAL IS CONCERNED ON A COMBINED ANGLO  
DASH AMERICAN PARTICIPATION PD THIS PROBABLY COULD BE DONE THRU  
COMBINED CHIEFS OF STAFF PD QUESTION ARISES WHETHER THIS MATTER  
TO BE DECIDED BY SHAEF OR ON A STILL HIGHER LEVEL AS MATTER  
CONCERNS NOT ONLY SERVICES CMA BUT FOREIGN OFFICES CMA ND PRE-  
SUMABLY STATE DEPARTMENT PD BELIEVE THAT PLAN MENTIONED IN PARA  
ONE ABOVE ORIGINATING IN WAR OFFICE CAME AS SURPRISE TO BAKER  
PREP ALTHOUGH AS STATED ABOVE THE PLAN MAY NOT SPECIFICALLY INCLUDE  
CODES AND CIPHER EQUIPMENT PD WILL KEEP YOU INFORMED OF ANY  
FURTHER DEVELOPMENTS THAT COME TO LIGHT

TOP SECRET



**TOP SECRET**

INCOMING MESSAGE

ETOUSA

From : ARCODICE

**COPY**

Ref. No: US 191

To : SID

Dated: June 09 1947 Z

Precedence: Routine

Rec d: 101100 Z

Security: TOP SECRET

AGAIN REFERRING OUR UNCLE SUGAR ONE XERO EIGHT FOR BICHER UNCLE  
SUGAR ONE NINE ONE FROM CORDERMAN EXPEDITIOUS REPLY REQUESTED  
STOP OBOE PETER DOG HAS APPROVED PLAN FOR ESTABLISHING ORGANIZATION  
FOLLOWING QUESTIONS MUST BE ANSWERED PERIOD TOPSEC WHAT SHALL BE  
THE SIZE AND COMPONENT OF THE ORGANIZATION QUERY WHERE SHALL  
PERSONNEL COME FROM QUERY WILL ORGANIZATION BE WITHIN EASY TARE  
OBOE TROOP BASIS OR WHAT ADJUSTMENT CAN BE MADE TO ACCOMODATE  
QUERY OBOE PETER DOG OF OPINION ORGANIZATION SHOULD BE REQUESTED  
AND ESTABLISHED WITHIN THEATER ON RECEIPT YOUR REPLY WILL ADVISE  
NEXT STEP TO BE TAKEN

**TOP SECRET**

**TOP SECRET**ARCODICE SPECIAL

OUTGOING MESSAGE

ETSIG -I/gab/sf

ETOUSA

**COPY**

ACTION TO : ARCODICE

Date: 13 June 1944

130930 Z

Ref No: P-243

Information to:

Originated by GAB, SIS

Precedence: Routine

Subject :

Security: TOP SECRET

Approved for transmission by:  
-signed- GEORGE A. BICHER

CONTAINED IN PETER ONE EIGHT THREE WAS ANSWER TO YOUR UNCLE SUGAR ONE ZERO EIGHT PAREN FOR CORDER AN TOPSEC FROM BICHER PETER TWO FOUR THREE PAREN FURTHER TO YOUR QUERIES DO NOT RPT NOT BELIEVE NECESSARY THAT SPECIAL ORGANIZATION BE SET UP BUT THAT A DETACHMENT OF SUFFICIENT SIZE ND QUALITY BE SELECTED FROM SIS ETOUSA WHEN NECESSARY PD PERSONNEL SELECTED WILL BE FROM SPECIAL PROJECT AS WELL AS OUR ORGANIZATION CMA THE BASIS FOR SELECTION BEING QUALIFICATION ONLY PD SIZE OF SUCH DETACHMENT WOULD BE IN ACCORD WITH ARRANGEMENTS MADE ON A HIGH LEVEL WITH THE BRITISH ND PRESUMABLY WE WOULD MATCH THEIR ORGANIZATION PD PROPOSE TO HAVE AT LEAST TWO KEY MEN FOR EACH FIELD OF SIGNAL INTELLIGENCE ENDEAVOR PLUS COMPETANT ASSISTANTS PD QUESTIONS OF POLICY RAISED IN MY PETER ONE EIGHT THREE UNANSWERED PD THESE POLICY QUESTIONS ARE CONSEQUENTIAL TO THE SIZE ND SELECTION OF PERSONNEL FOR THIS MISSION

**TOP SECRET**

**TOP SECRET COPY**

DETAILS OF NON MORSE CMA SPEECH SECRECY AND FACSIMILE METHODS AND  
EQUIPMENT PD UNQUOTE PAREN BICHER TOPSEC FROM CORDERMAN US ONE XERO  
EIGHT PAREN PARA TWO WOULD MUCH APPRECIATE YOUR COMMENTS ON FORE-  
GOING AND SUGGESTIONS FOR ADDITIONS OR CHANGES PD SUGGEST YOU AS-  
CERTAIN DETAILS OF BRITISH PLANS AND ADVISE US MOST IMMEDIATE PD  
HAYES STATES THAT HE SAW PLANS OF THIS NATURE AT SHAEF PD SUGGEST  
YOU CONTACT BROWN THERE AND VERIFY ALL FOREGOING POINTS INCLUDING  
AMERICAN REPRESENTATION AND DIVISION OF SPOILS PD THESE POINTS WILL  
BE MADE SUBJECT OF LETTER FROM A C OF S G TWO OF CHIEF OPD IN WHICH  
YOUR NAME WILL BE SUGGESTED AS CHIEF OF AMERICAN PARTY TO TAKE CARE  
OF OUR INTERESTS PD PROMPT REPLY DESIRED AS WE ARE DELAYING ACTION  
UNTIL HEAR FROM YOU

**TOP SECRET**

## S H A E F

Staff Message Control

OUTGOING MESSAGE

p r i o r i t y

TO: SIXTH ARMY GROUP FOR G-2, TWELFTH ARMY GROUP FOR G-2,  
EXFOR FOR GSI

FROM: SHAEF MAIN SIGNED SCAEF CITE: SHGBI

REF NO: S-84149 T00: 051500B

1. Particularly desirable is special handling of German signal intelligence targets which may be overrun and captured with or without previous knowledge of their location. A signal intelligence target consists of:

(A) A center at which German codes and ciphers are produced or at which research is done on them, or

(B) A center at which cryptanalysis, interception and traffic analysis, or other activity to gain intelligence from non-German signals is carried out.

2. TICOM is a joint combined target intelligence committee organized to implement the desires of the Chief of Staff, US Army, the Commander in Chief, US Fleet, and the Chairman LONDON Sigint Board, and made responsible for the complete exploitation of German signal intelligence centers.

3. Upon location of such a target, it is desired that the custody of the target be released to the nearest Sigint Unit, who will seal it and establish a guard, notifying by fastest possible means thru Sigint channels the Director, SID, ETOUSA or Director War Station of the nature and extent of the target.

4. TICOM experts will be dispatched at the discretion of the Director, SID, ETOUSA or Director War Station for the purpose of exploiting the target, and they are hereby authorized

to take exclusive custody of the target, and to return any or all of its contents direct to such places as may be designated by them. On completion of their investigations the target will be released to the occupying force.

5. Instructions contained herein are to be applied to special targets as defined above and do not conflict with existing instructions for the passing back of captured Sigint documents and equipment from normal enemy message centers through Sigint channels.

6. It is desired that all units down to and including divisions and all Sigint units be notified of these instructions.

ORIGINATOR: G-2

AUTHENTICATION: T. J. BETTS,  
BRIG. GENERAL

INFORMATION:

SGS  
G-3  
G-4  
SIGNALS  
OM ZONE  
G-2 WAR DIARY  
SHAEF FWD  
SUMMARY  
AG RECORDS